

## **CLAIMS**

What is claimed is:

1. A cable management system for managing cables to be connected to electronics devices, comprising:

5 a cable management housing to substantially house the cables to be managed therein, the cable management housing defining a plurality of openings configured to contain a plurality of cables extending therethrough, each opening having:

a first opening portion configured to contain a plurality of cables extending therethrough,

10 a second opening portion configured to contain a plurality of cables extending therethrough, the second opening portion being disposed further away from the electronics devices than the first opening portion, and

a passage portion extending between the first and second opening portions, the passage portion being configured to allow passing of  
15 at least one cable between the first and second opening portions.

2. The cable management system of claim 1, wherein the first opening portion is disposed proximal to the electronics devices to allow the cables passing therethrough to  
20 be in a first cable position corresponding to the cables being connected to the electronics devices and wherein the second opening portion is disposed distal to the devices to allow the cables passing therethrough to be in a second cable position corresponding to the cables being disconnected from the electronics devices.

3. The cable management system of claim 1, wherein the first and second opening portions are generally circular.

5 4. The cable management system of claim 1, wherein the cable management housing is generally rectangular and having a corner proximal to the electronics devices and wherein the passage portion is generally a bent portion extending in at least two directions from the corner.

10 5. The cable management system of claim 4, wherein the first opening portion and the second opening portion are disposed on opposing sides of the corner.

6. The cable management system of claim 1, wherein the first and second opening portions are disposed at an angle relative to each other.

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7. The cable management system of claim 1, wherein the first and second opening portions are disposed at an approximately 90° relative to each other.

8. The cable management system of claim 1, wherein the cable management housing includes a removable side portion to facilitate access to the cables housed within the cable management housing.

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9. A cable management apparatus for managing cables to be connected to electronics devices coupled to removable modules in a rack-mounted system, comprising:

a cable management housing extending along the removable modules to house the cables to be managed therein, the cable management housing defining a

5 plurality of openings configured to contain a plurality of cables extending therethrough, each opening having:

a first portion configured to contain a plurality of cables extending therethrough,

10 a second portion disposed at an angle relative to the first portion, the second portion being configured to contain a plurality of cables extending therethrough, and

a passing portion extending between the first and second portions, the passing portion being configured to allow passing of at least one cable between the first and second portions.

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10. The apparatus of claim 9, wherein each opening corresponds to at most one removable module of the rack-mounted system.

20 11. The apparatus of claim 9, wherein the first portion is disposed proximal to the electronics devices to allow the cables passing therethrough to be in a first position for connection to the electronics devices and wherein the second portion is disposed distal to the devices in the rack-mounted system to allow the cables passing therethrough to be in a second position corresponding to the cables being disconnected from the electronics devices.

12. The apparatus of claim 9, wherein the first and second portions are generally circular.

5           13. The apparatus of claim 9, wherein the cable management housing is generally rectangular and having a corner proximal to the devices in the rack-mounted system and wherein the passing portion is generally a bent portion extending in at least two directions from the corner.

10           14. The apparatus of claim 13, wherein the first portion and the second portion are disposed on opposing sides of the corner.

15. A method for managing cables to be connected to electronics devices, comprising the steps of:

15           routing a plurality of cables to be managed through a cable management housing, substantially enclosing the cables therein;

                  passing a portion of at least one cable through a first portion of one of a plurality of openings defined in the cable management housing, the openings being configured to contain a plurality of cables extending therethrough, each opening  
20           including a first and second portion each configured to contain a plurality of cables extending therethrough, and a passage portion extending between the first and second portions to allow passage of a cable therebetween; and

                  passing the portion of the cable through the passage portion to the second portion of the opening.

16. The method of claim 15, wherein the step of passing the portion of the cable through the first portion of the opening includes positioning the portion of the cable proximal to the electronics devices and wherein the step of passing the portion of the cable through the passage portion to the second portion includes positioning the portion of the cable distal to the electronics devices.

17. The method of claim 15, wherein the step of passing the portion of the cable through the passage portion to the second portion includes passing the portion of the cable around a corner such that the first and second portions of the opening are at an angle relative to each other.